

**Notice of Allowability**

Application No.

10/806,092

Applicant(s)

MITSUGI, TATSUYA

Examiner

Chau Nguyen

Art Unit

2176

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/07/2007.
2. ☒ The allowed claim(s) is/are 1-21.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_



**Doug Hutton**  
Primary Examiner

Technology Center 2100

### **Allowed Claims**

1. Claims 1-21 are allowed.
2. The following is a statement of reasons for the indication of allowable subject matter:

In interpreting the claims in light of the specification and applicant's arguments, the Examiner finds the claimed invention is patentably distinct from the prior art of record.

The prior art of record includes Rao, US Patent No. 6,581,056, Justice et al. (Justice), US Patent Application Publication No. US 2003/0023634, Chen et al. (Chen), US Patent No. 7,020,685, Guck, US Patent No. 5,848,415, Brooke et al. (Brooke), US Patent No. 6,748,569, and Ballantyne et al. (Ballantyne), US Patent Application Publication No. US 2001/0044811.

Rao discloses statistical content analysis engines for performing content analysis, a tokenizer extracts tokens by parsing the text of a document and generating a token for each contiguous sequence of characters, e.g. a word, and filters perform functions as generating part of speech tagging or phrase spotting on the tokens.

Justice discloses a text file contains content elements such as title, author, release data, article body, and other elements distinguishable in a similar manner. Justice also discloses transformation processor (element refinement processing unit) for transforming content items (meaningful words) in a text file into markup file that includes metadata such as tags that are associated with a number of content elements, and the heuristics markup file provides a relative position within the text file and includes a

number of data type tags that are associated with a respective content element. In addition, Justice discloses once the markup file is created, then it may be transmitted back to client via the network or to some other entity on the network.

Chen discloses translating the extracted content from the content-type used by the application such as WML (wireless markup language) or HTML to a content type that can be understood by SMSC (Short Message Service Center) such as text/plain for transmission to the wireless device.

Guck discloses one converter could convert an e-mail message into a text/plain file while another converter could convert a plain/text file to an html.

Brooke discloses markup language (XML) lets authors markup data with author-defined elements (opening and closing pairs of tags) that specify the nature of the data, and also enables users to create unique tags that identify their information in more meaningful ways.

Ballantyne discloses author/user-defined elements which can be anything such as markup element "time" indicating time.

Claim 1 is allowed because the prior art of record does not expressly disclose alone or in combination an element refinement processing unit for automatically adding content to the structure document in association with at least one meaningful words in order to generate a markup document, wherein the added content is different from the markup tags in the markup document, and the added content includes at least one of data which is related to at least one of the meaningful words and which is read from the

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data storage unit, is generated according to a determined attribute of the at least one of the meaningful words.

3. The dependent claims 2-21 further limit independent claim 1. Therefore, claims 2-21 are considered allowable for the same reasons set forth for claim 1.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chau Nguyen whose telephone number is (571) 272-4092. The Examiner can normally be reached on Monday-Friday from 8:30 am to 5:30 pm.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Heather Herndon, can be reached at (571) 272-4136.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. On July 15, 2005, the Central Facsimile (FAX) Number will change from 703-872-9306 to 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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